

ARRL

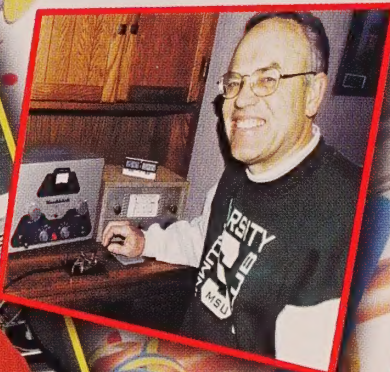
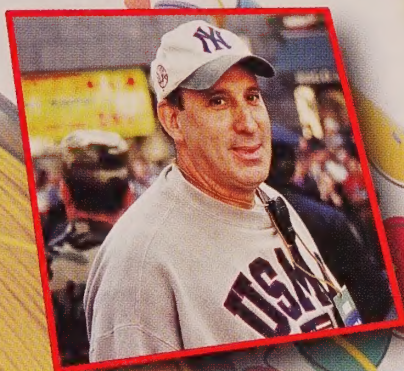


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PUBLICATIONS

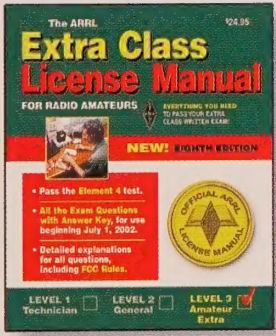
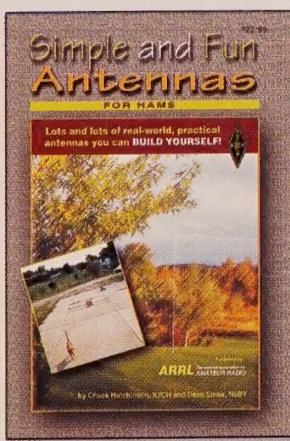
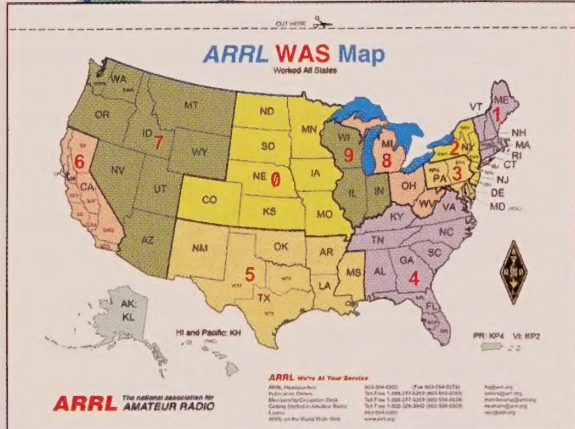
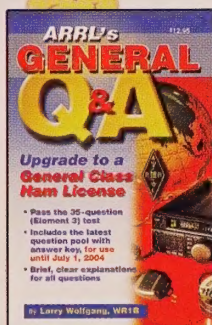
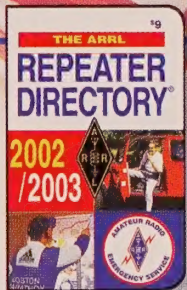
Spring/Summer 2002

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What's NEW!

SEE PAGE 2



BONUS: tear-out
US WAS Map (page 13)

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ARRL Marketplace
(Inside Back Cover)

ARRL The national association for
AMATEUR RADIO

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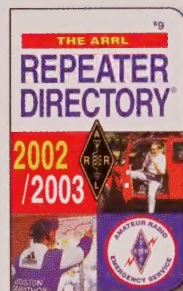
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NEW NEW

What's NEW!



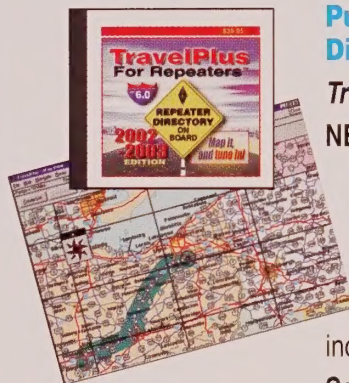
Bright, Colorful NEW Look!

The ARRL Repeater Directory®

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The single most trusted source of VHF/UHF repeater listings.

See page 6.



Put the power of the ARRL Repeater Directory on your Computer!

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NEW 2002/2003 Edition

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See page 6.



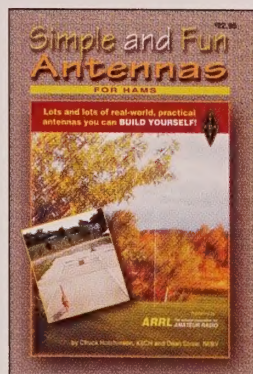
QST on CD-ROM!

ARRL Periodicals on CD-ROM

NEW 2001 Edition

New edition includes all 2001 *QST*, *QEX*, and *NCJ*. An entire year's worth of reading!

See page 2.



NEW BOOK!

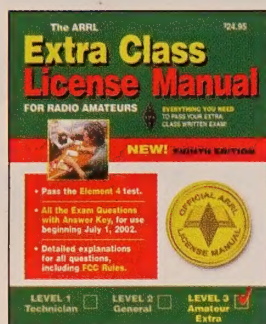
Simple and Fun Antennas for Hams

Finally, a no-nonsense, hands-on, practical book about antennas! Filled with more than 70 well-tested, fun and entirely useful projects.

See page 5.

NEW NEW NEW

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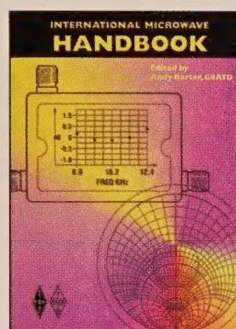


"An Official ARRL License Manual"

The ARRL Extra Class License Manual
NEW 8th Edition

For exams beginning July 1, 2002.

See page 14.

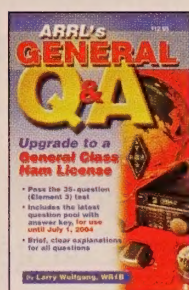


Published jointly by RSGB and ARRL!

International Microwave Handbook

Theory, techniques and devices
for the microwave experimenter.

See page 11.

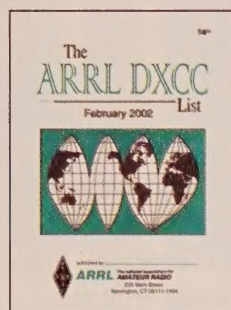


QUICK and EASY Upgrading!

ARRL's General Q & A
NEW BOOK!

Make upgrading to General class Quick
& Easy! Review from the entire question
pool. Brief explanations follow each
question.

See page 15.

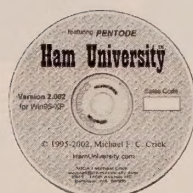


Official Award Rules!

The ARRL DXCC List

February 2002 edition.

See page 7.



Code and practice exam software on CD-ROM!

Ham University

Learn Morse code with this feature-packed
easy-to-use software. Includes a written
exam quiz generator with all three
question pools.

See page 15.

Nova for Windows. Satellite tracking software
(see page 9).

Radio Amateur Callbook CD-ROM
(see page 9.)

Independent Energy Guide. Electrical Power
for Home, Boat & RV (see inside back cover).

SETI League Technical Symposium—2002
(see page 12.)

Southeastern VHF Society Conference—2002
(see page 12.)

Study from current editions!

License Manual Revision Schedule

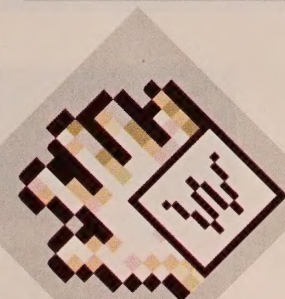
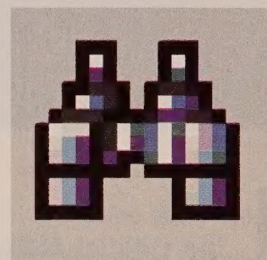
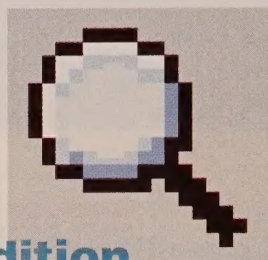
Now You're Talking! —4 th (current) edition	valid through June 30, 2003
ARRL's Tech Q & A —2 nd (current) edition	valid through June 30, 2003
ARRL Technician Class Video Course (2001 edition)	valid through June 30, 2003
ARRL General Class License Manual —4 th (current) edition	valid through June 30, 2004
ARRL's General Q & A —1 st (current) edition	valid through June 30, 2004
ARRL General Class Video Course (2001 edition)	valid through June 30, 2004
ARRL Extra Class License Manual —7 th (current) edition	valid through June 30, 2002
ARRL Extra Class License Manual —8 th (new) edition	valid through June 30, 2006

Tools Supplied!

With **ARRL CD-ROM Collections**, the world of ham radio information and technology is at your fingertips. Find a popular project. Review previous contest scores. Locate equipment and product reviews. Access the wealth of technical contributions made by amateurs that spans decades!



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are fully-searchable collections of popular ARRL journals. Every word and photo published throughout the year is included!



QST—The official membership journal of ARRL

NCJ National Contest Journal

QEX—Forum for Communications Experimenters

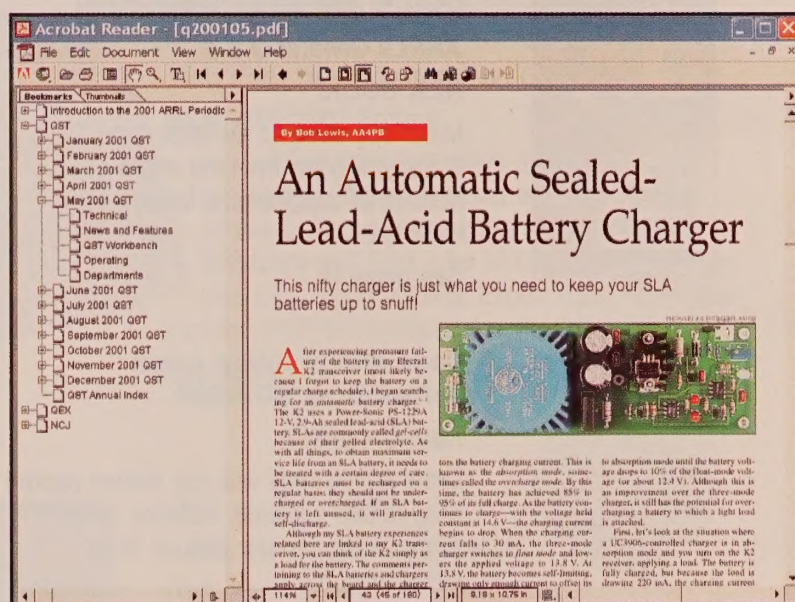
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#6435 Years 1950-59 \$39.95

#6443 Years 1960-64 \$39.95

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#8411 Years 1984-90 \$59.95

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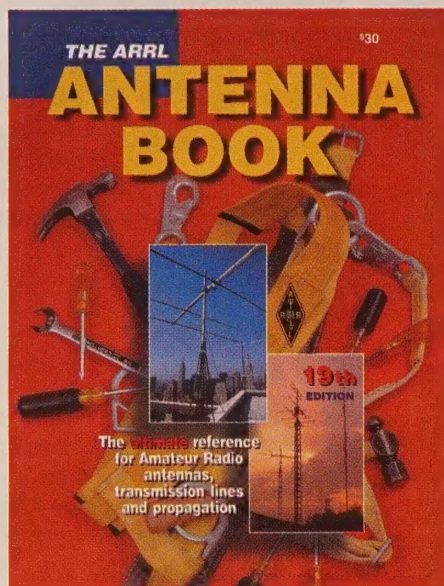
#7733 NCJ Collection CD-ROM

(1973-1998) \$39.95



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*Ham Radio CD-ROM, © 2001,
American Radio Relay League, Inc.
Ham Radio Magazine © 1968-1990,
CQ Communications, Inc.



THE ARRL ANTENNA BOOK—19th Edition

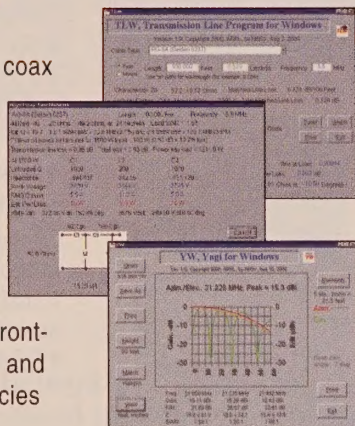
"THE Antenna Reference Standard." You need real-world antenna solutions. Use this extensively rewritten edition to design and build antennas using modern materials (antennas that work for you and your station!). The latest computer modeling techniques have improved traditional antenna designs. Find a new treatment of broadband antennas; gain and size comparisons for multielement arrays; and updated information on log periodic, quad, long-wire and traveling-wave antennas. Filled with high performance antennas and proven designs: antennas and towers; antenna materials and supports; antenna pattern measurements; transmission lines; signal measurements; mobile systems; direction finding; lightning protection; preamps; tuners; projects; and more!

CD-ROM included with two new *Windows* programs (**Yagi for Windows** and **Transmission Line for Windows**), detailed propagation forecasts, and other utilities.

There are so many reasons to add **THE ARRL ANTENNA BOOK**—the ultimate reference for antennas, transmission lines and propagation—to your library.

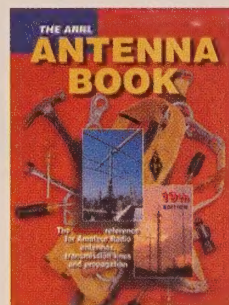
Transmission Line Program for Windows (TLW)

Analyze 32 standard types of coax or open-wire transmission lines, or "design your own" transmission line to analyze.



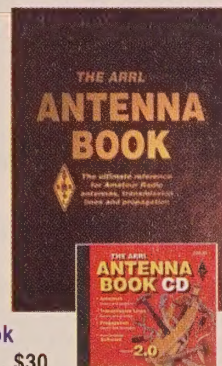
Yagi for Windows (YW)

Analyzes Yagis and displays front-to-rear ratio (or front-to-back) and SWR over a range of frequencies you specify.



The ARRL Antenna Book
Softcover #8047 \$30

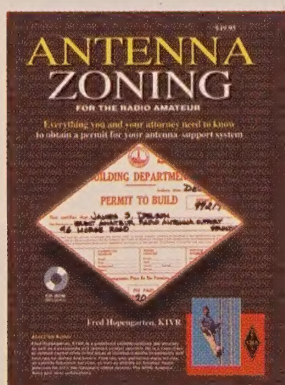
*Some supplementary software utilities included, for *Windows* and *DOS* only.



The ARRL Antenna Book—Special Edition
Features gold-embossed leather hardcover. Each book is serial-numbered, and printed in limited quantities.
#L804 \$70

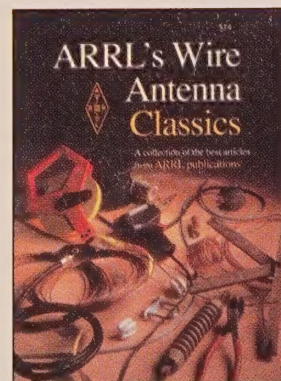
The ARRL Antenna Book CD
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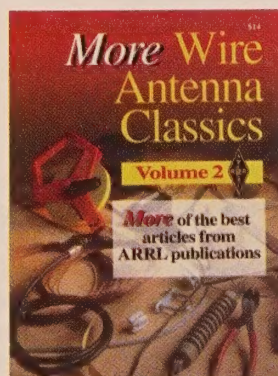


More Wire Antenna Classics

This book is filled with innovative designs from the pages of *QST* and other ARRL publications. Experience the satisfaction and enjoy the benefits of building your own wire antennas. Inside, you'll find more than just creative ideas. These versatile antennas work! If you have the original *ARRL's Wire Antenna Classics*—you'll want MORE!

Volume 2. #7709 \$14

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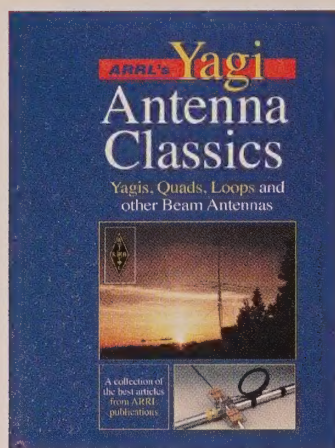


ARRL's Wire Antenna Classics

Antennas to Build—ideas to Experiment With! So many wire antenna designs have proven to be first class performers! Here's an entire book devoted to wire antennas, from the simple to the complex. Includes articles on dipoles, loops, rhombics, wire beams and receive antennas—and some time-proven classics! An ideal book for Field Day planners or the next wire antenna project at your home station.

Volume 1. #7075 \$14

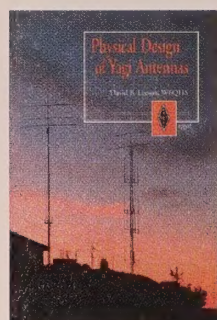
Antennas (continued)



ARRL's Yagi Antenna Classics— Yagis, Quads, Loops and other Beam Antennas

Includes some of the very best articles written about beam antennas, from ARRL publications. The antennas covered in this book will provide the reader with a historical perspective, new and ambitious ideas, and computer-optimized designs for all-around best performance. Covers monobanders; multibanders; HF, VHF, and UHF beams from 80 meters to 2304 MHz; computer modeling; towers, masts and guys.

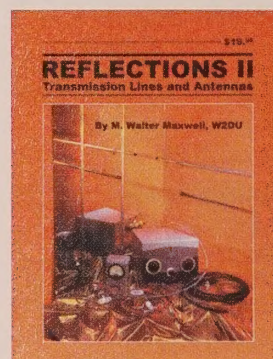
#8187 \$17.95



Physical Design of Yagi Antennas,

by David Leeson, W6QHS, #3819 \$20

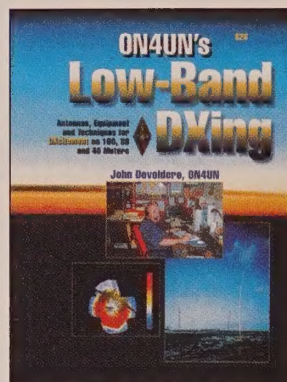
Do your antennas live in fear of wind and ice storms? Beef up your Yagis so they'll survive poor weather and winds of 100 miles an hour and beyond!



Reflections II—Transmission Lines and Antennas

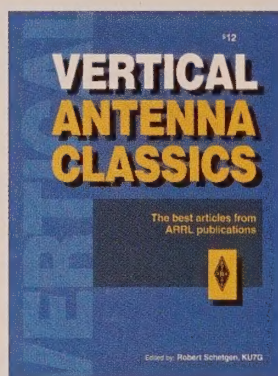
by M. Walter Maxwell, W2DU, #REF2 \$19.95

An in-depth treatment of transmission lines, standing waves, antenna matching, reflected power and antenna tuners. Included is a wealth of information on matching networks, antennas, and use of the Smith Chart.



ON4UN's Low-Band DXing

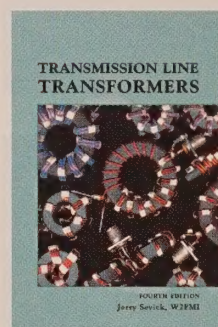
#7040 \$28
A must for DXers, contesters and casual operators who even occasionally venture onto the low bands! This extensively revised edition brings you the latest antennas, techniques and equipment for 160, 80 and 40-meter operating. Follow the outstanding achievements of John Devoldere, ON4UN, as he presents practical information you need to operate a highly successful station on the low bands!



Vertical Antenna Classics

Vertical antennas are everywhere — on cell phones, broadcast towers and portable radios. You'll also see them on the roofs, towers and vehicles from Altoona to Australia. And for good reason! Here are some top-notch performers from ARRL publications, brought together in one book. Vertical antenna theory and modeling, VHF and UHF, HF, directional arrays, radials and ground systems, and more.

Get Vertical! #5218 \$12

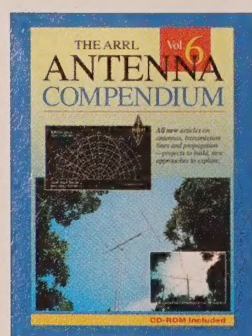


Transmission Line Transformers — 4th Edition

Tremendous coverage of the subject of broadband transmission line transformers. Guanella and Ruthroff as well as hundreds of real transformers.

#TLT4 \$39

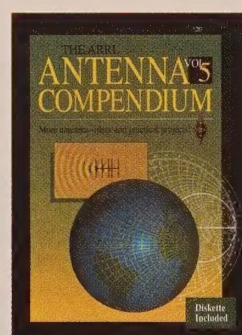
Antenna Compendiums



The ARRL Antenna Compendium Volume 6

All new articles covering low-band antennas and operating, 10-meter designs, multiband antennas, propagation and terrain assessment. CD-ROM included with propagation prediction software!

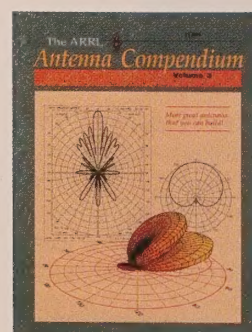
#7431 \$20 — Includes software



The ARRL Antenna Compendium Volume 5

Enjoy excellent coverage of baluns, an HF beam from PVC, low-band Yagis, quads and verticals, curtain arrays, and more!

#5625 \$20 — Includes software

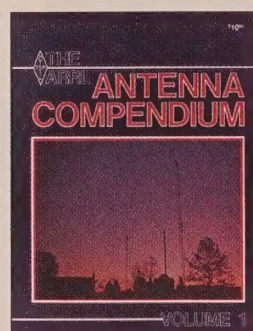


The ARRL Antenna Compendium Volume 3

Quench your thirst for new antenna designs, from Allen's Log Periodic Loop Array to Zavrel's Triband Triangle. Discover a 12-meter quad, a discone, modeling with MININEC and VHF/UHF ray tracing. #4017 ... \$14

The ARRL Antenna Compendium Volume 2

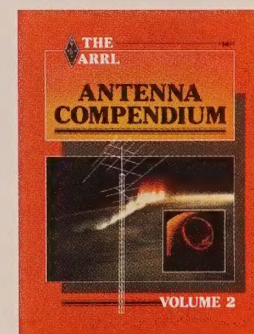
Covers a wide range of antenna types and related topics, including innovative verticals, an attic tri-bander, antenna modeling and propagation. #2545 \$14



The ARRL Antenna Compendium Volume 1

The premiere volume includes articles on a multiband portable, quads and loops, baluns, the Smith Chart, and more.

#0194 \$10



The ARRL Antenna
Compendium Volume 4
is out-of-print

Simple Antennas? **Yes!** Fun Antennas? **You Bet!**



ARRL's new book brings you lots and lots of real world, practical antennas you can BUILD YOURSELF!

Your First VHF Antenna

Your First HF Antenna

Facts About Transmission Lines

Antenna Masts and Supports

HF Dipoles

HF Verticals

Dual-Band VHF/UHF Antennas

An HF Vertical That Needs No Radials
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More Facts About Feed Lines

HF and VHF Beam Antennas

Towers

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ORDER NOW!

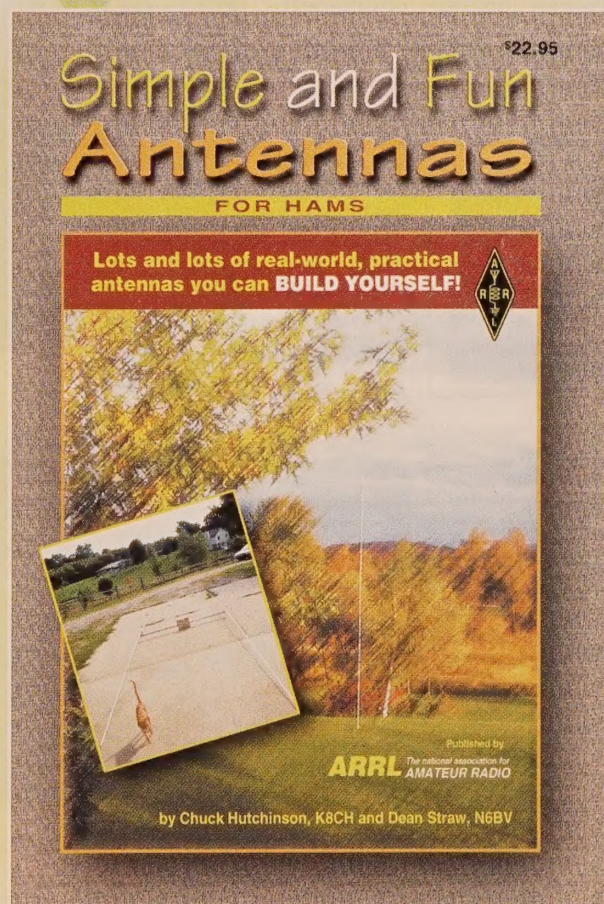
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18,725 Repeater Listings

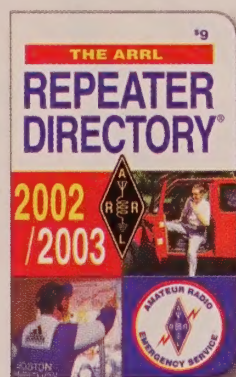
The ARRL Repeater Directory®
—THE AUTHORITATIVE SOURCE OF VHF-UHF
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Bright, Colorful NEW LOOK! And, still POCKET-SIZED!

Features:

- NEW 2002/2003 Edition.
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- Operating tips for newly licensed amateurs.
- Frequency Coordinator contact information. Updated!
- Using CTCSS tones.
- Digital Coded Squelch (DCS).
- 2-meter channel-spacing map.

#8640 \$9



NEW!

The ARRL Operating Manual —7th Edition

Get the most out of operating on familiar bands and new modes. Over 400 pages loaded with useful information for every Amateur Radio operator. Find information on operating basics, contesting, digital modes, and even shortwave listening. **BONUS!** Includes pull-out *Ham Desktop Reference* booklet with all the charts and tables hams refer to most often—band plans, beam headings, WAS map, third-party traffic countries, Q signals, CW abbreviations, W1AW schedule, QSL bureaus, and more. Use *The ARRL Operating Manual* and enjoy Amateur Radio to the fullest!

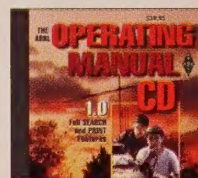
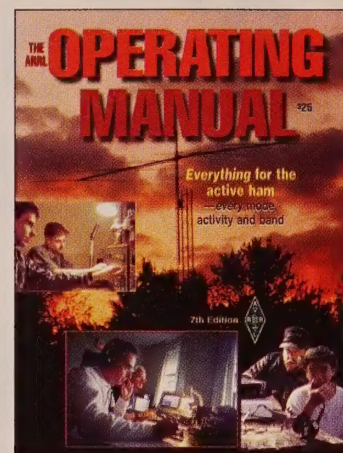
Contents: Operating Amateur Radio; Rules; FM; VHF/UHF; HF Digital Communications; VHF Digital Communications and Networks; Traffic Handling; Emergency Communications; DXing; Contesting; Operating Awards; Image Communications; Satellites; Radio Monitoring; Antenna Orientation; Online Resources.

The ARRL Operating Manual
Softcover #7938 \$25

The ARRL Operating Manual
—**Special Edition**

Features gold-embossed leather hardcover. Each book is serial-numbered, and printed in limited quantities.

#L793 \$70

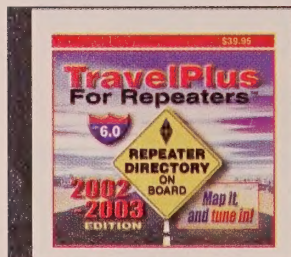


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CD-ROM #8098 \$39.95

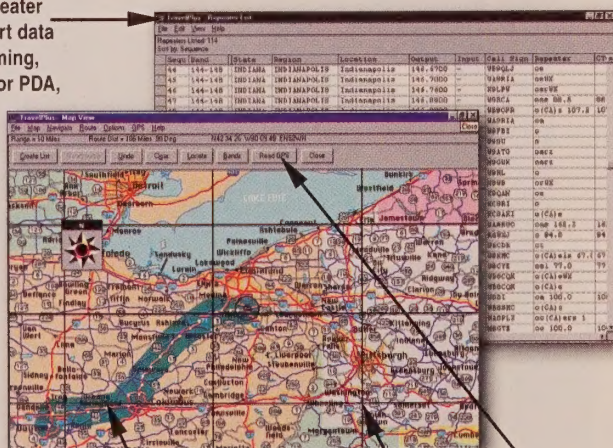
Put the POWER of The ARRL Repeater Directory on your
COMPUTER with...**TravelPlus for Repeaters™ CD-ROM**



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Feature-packed: Colorful, seamless maps. Includes the **ARRL Net Directory** on CD-ROM. Extensive online help.
NEW: Includes AM/FM radio stations.
CD-ROM requires Microsoft Windows 95-XP.
2002-2003 Edition, Version 6.0

#8675 \$39.95

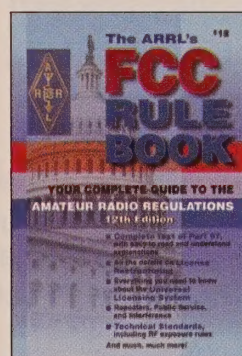
Create custom repeater lists. Print or export data for radio programming, transfer to Palm™ or PDA, and more.



Locate repeaters along your next travel route

Supports GPS tracking

Display grid squares



The ARRL's FCC Rule Book

12th Edition #7857 \$12

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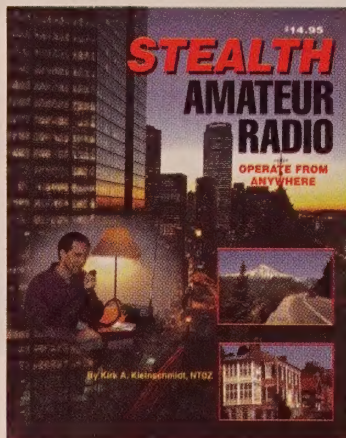
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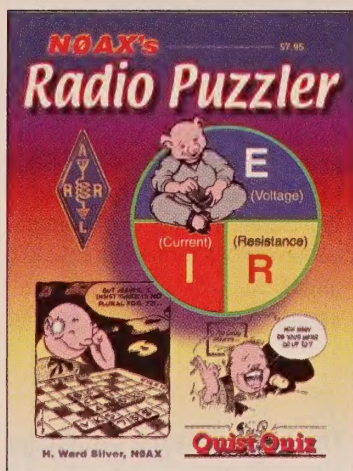
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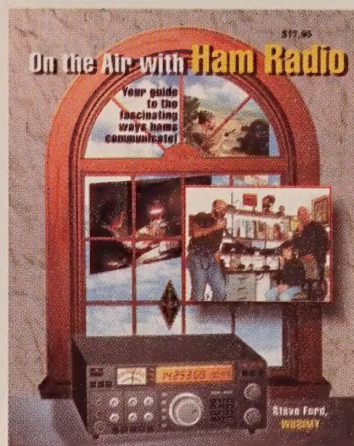


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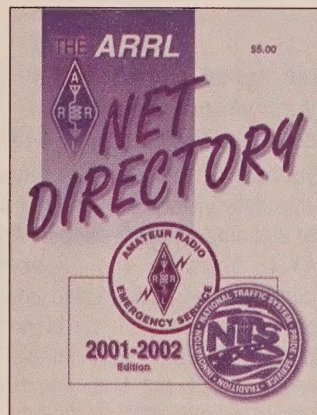


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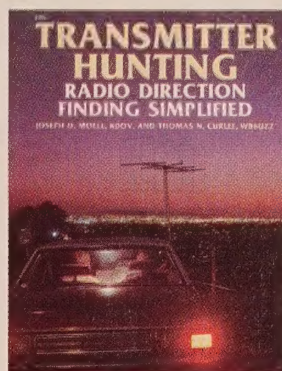


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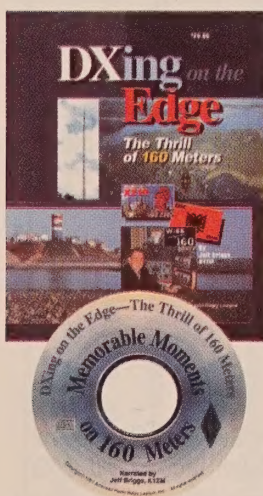
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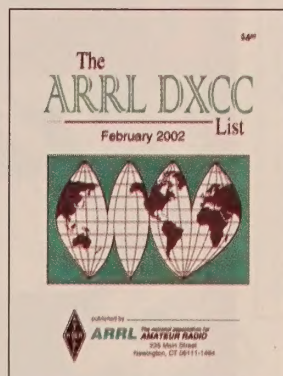
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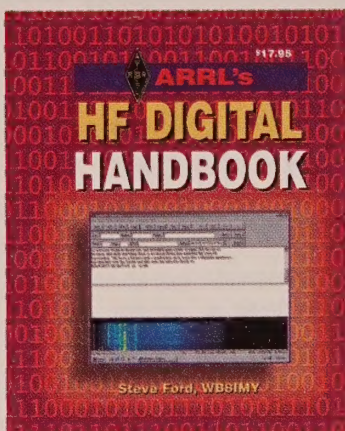
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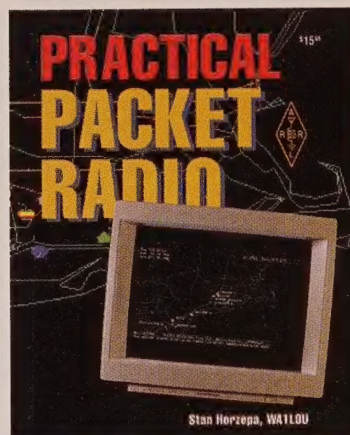
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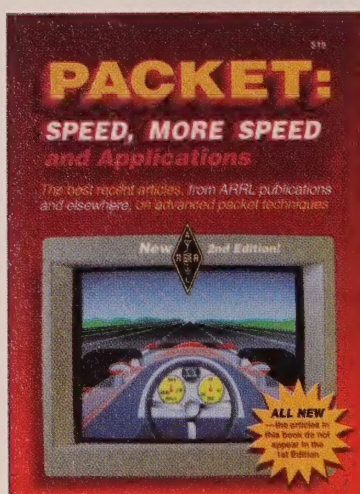
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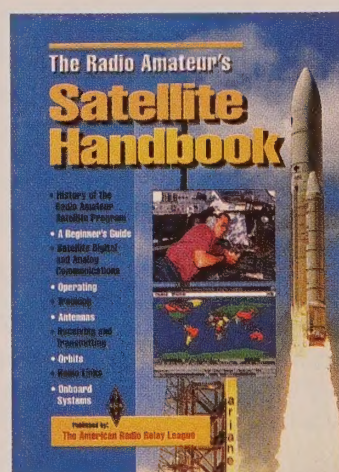
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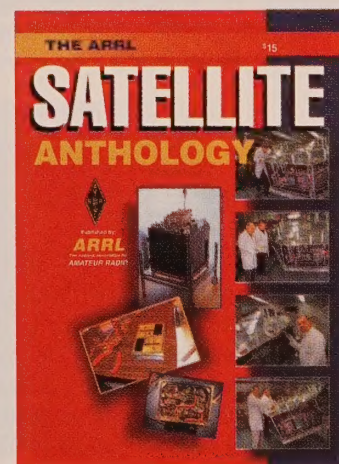
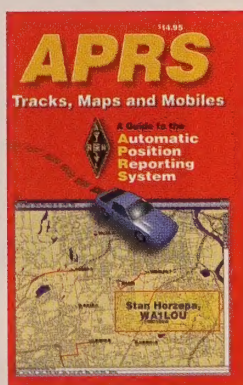
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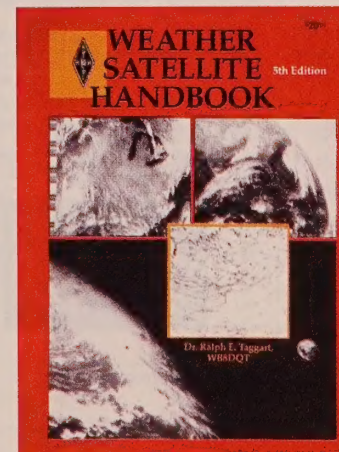
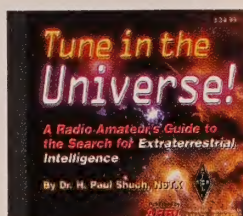
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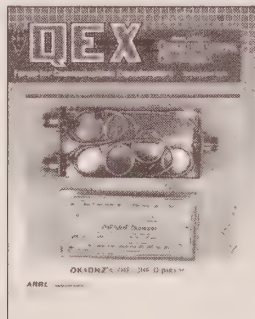
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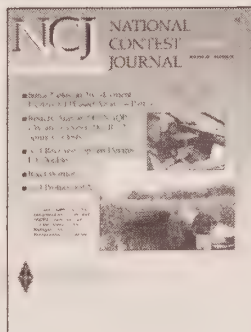
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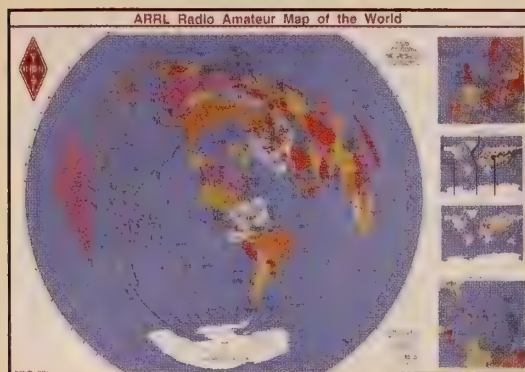
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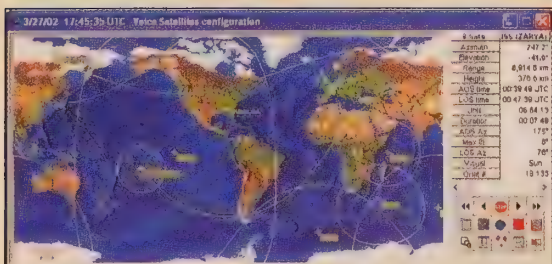
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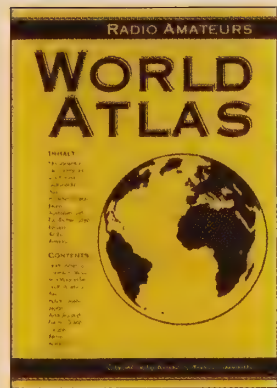


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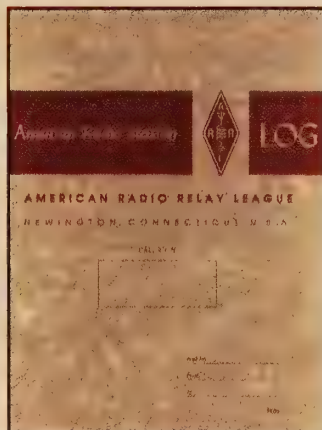


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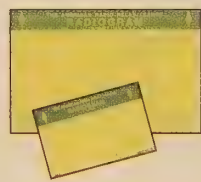


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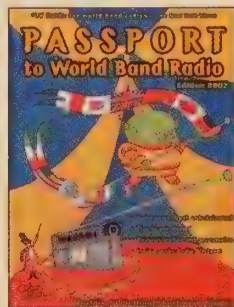
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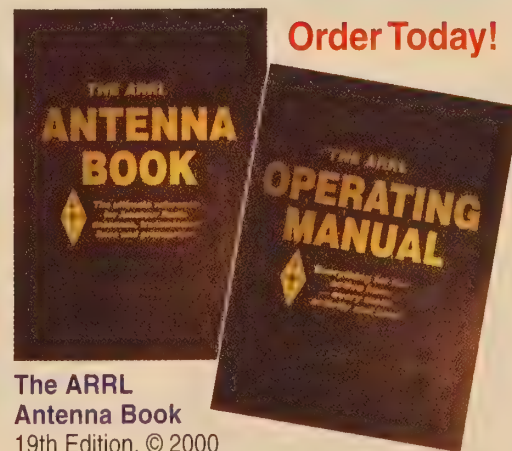
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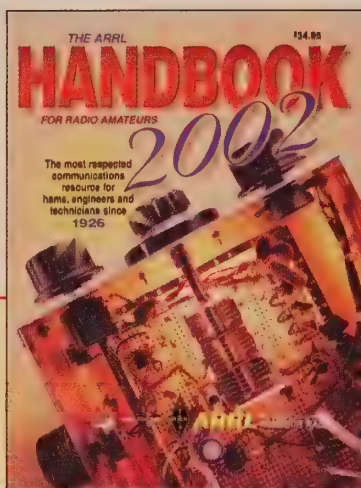
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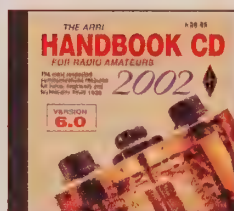
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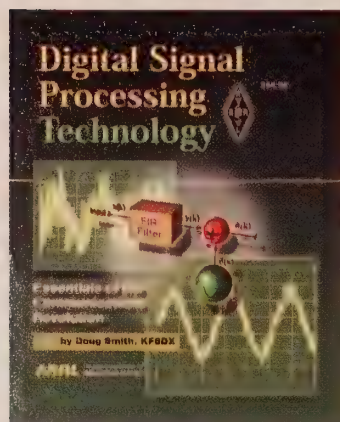
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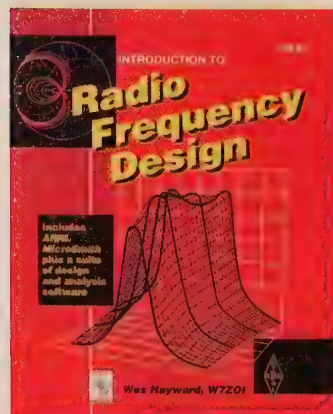
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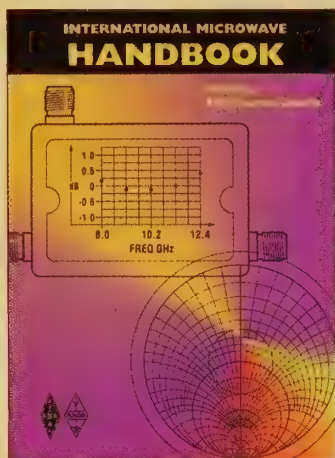
The fundamental methods of radio frequency design using mathematics as needed to develop intuition for RF circuits and systems. Simple circuit models are used to prepare you to actually design HF, VHF and UHF equipment. Book includes a CD-ROM with ARRL MicroSmith Smith® Chart simulation software, and a suite of design and analysis software (for IBM PCs and compatibles). First ARRL Edition, third printing, © 1994-2000.

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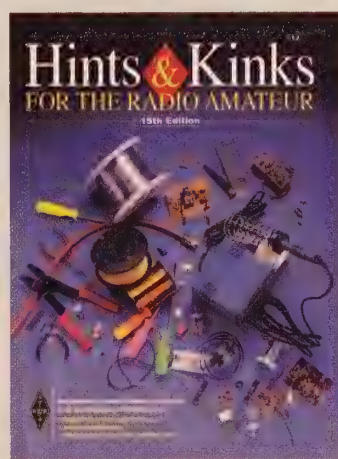
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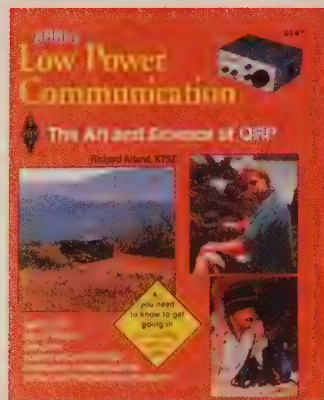


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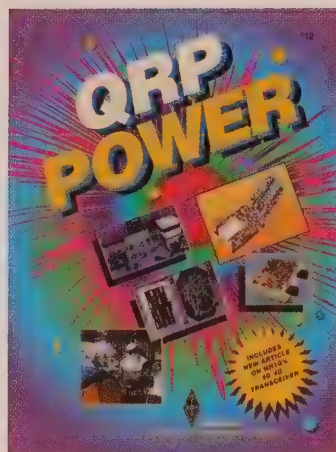
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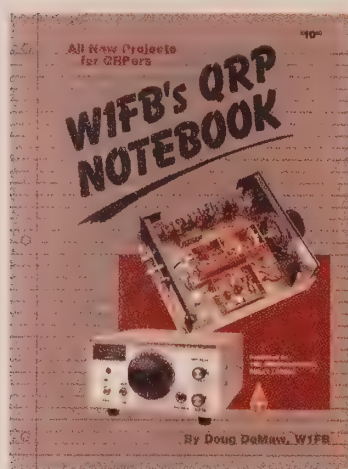
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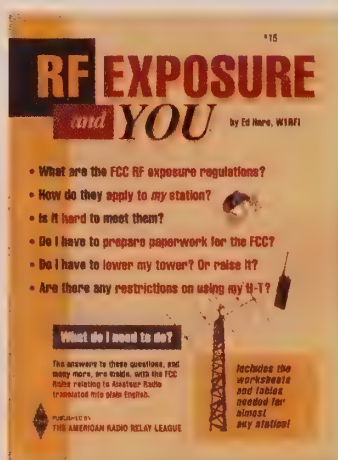
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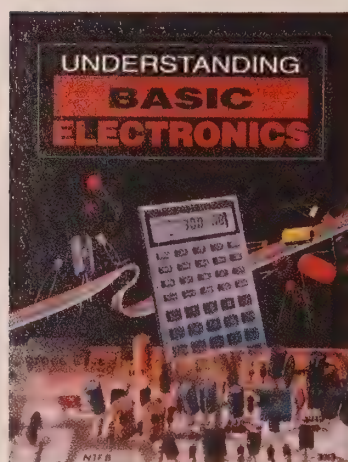


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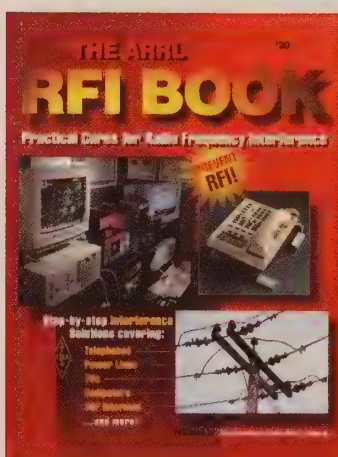


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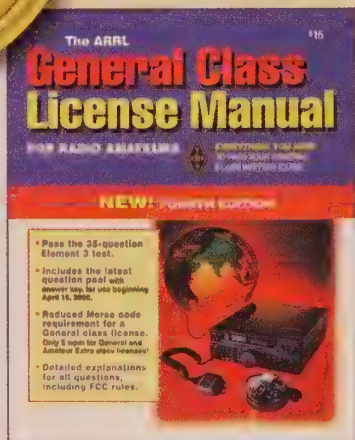
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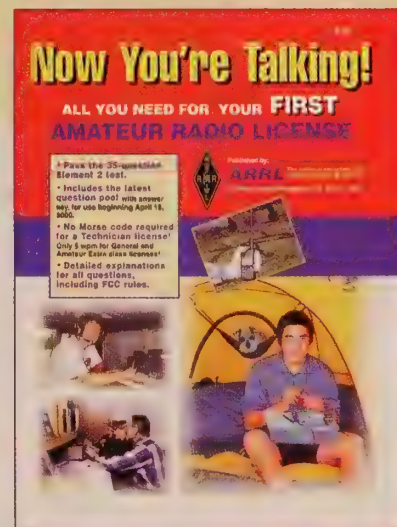
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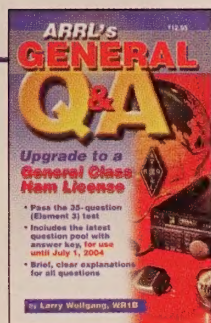


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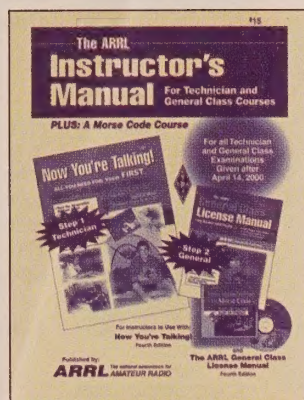


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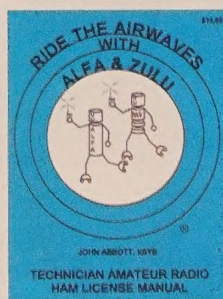
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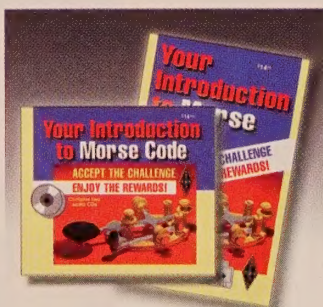
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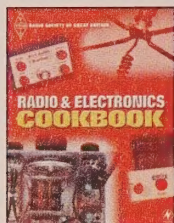
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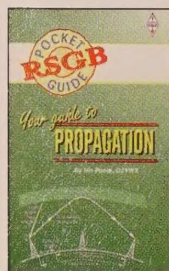
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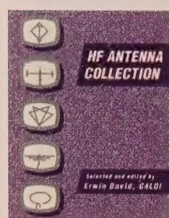
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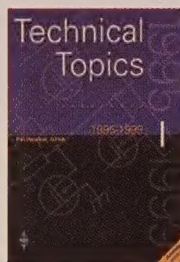
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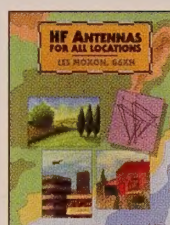
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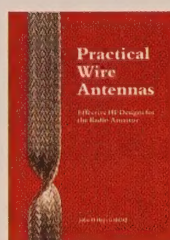
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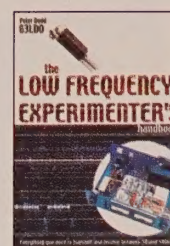
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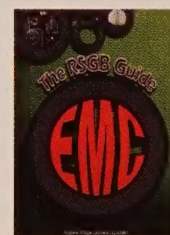
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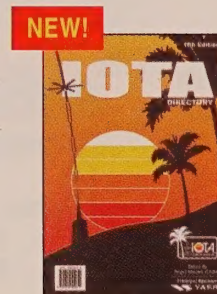
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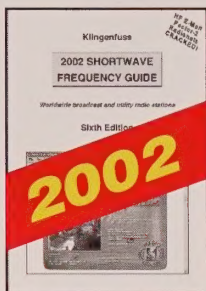
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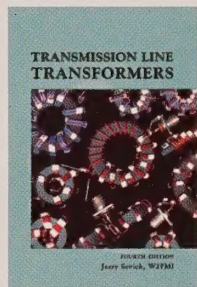
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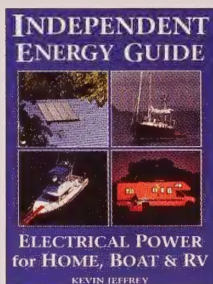
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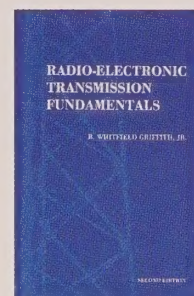
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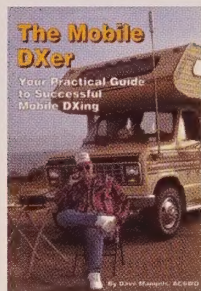
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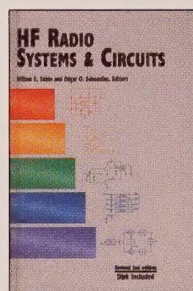
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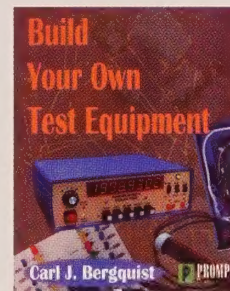
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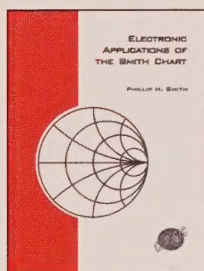
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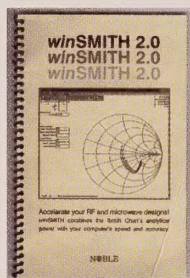
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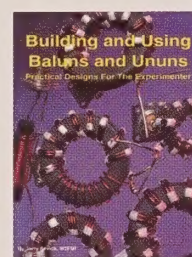
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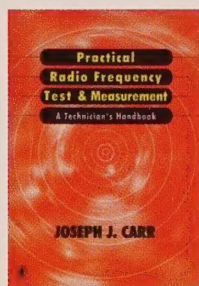
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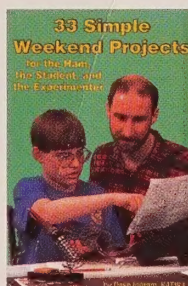
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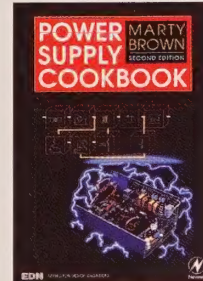
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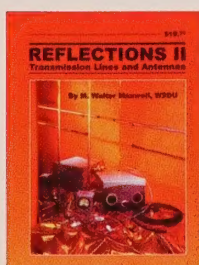
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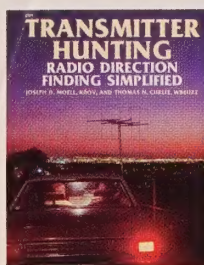
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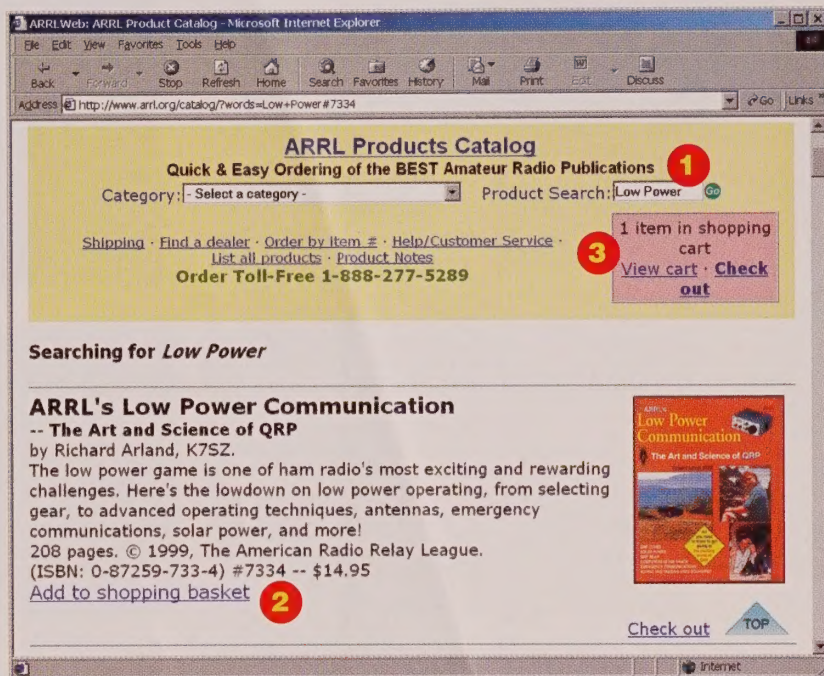
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